

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A light emitting device comprising:
a first, second, and third transistors, each comprising a source region, a drain region, and
a gate electrode;
an organic light emitting diode; and
a power supply line,
wherein source regions of the first and second transistors are connected to the power
supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the
second transistor and to the drain region ~~thereof~~ of the second transistor;
wherein the source region of the third transistor is connected to the drain region of the
second transistor and the drain region of the third transistor is connected to a pixel electrode of
the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range, and
wherein the drain region of the first transistor and a gate electrode of the third transistor
are connected to each other for a certain period in one frame period.
2. (Original) A light emitting device according to claim 1, wherein the first, second, and
third transistors have the same polarity.
3. (Original) An electronic equipment comprising the light emitting device according to
claim 1, wherein the electronic equipment is selected from the group consisting of an organic

light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

4. (Currently Amended) A light emitting device comprising:
a first, second, and third transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode; and
a power supply line,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range,
wherein the drain region of the first transistor and the gate electrode of the third transistor are connected to each other for a certain period in one frame period, and
wherein the amount of drain current of the first transistor is controlled while the drain region of the first transistor and the gate electrode of the third transistor are connected to each other in order to control the luminance of the organic light emitting diode.

5. (Original) A light emitting device according to claim 4, wherein the first, second, and third transistors have the same polarity.

6. (Original) An electronic equipment comprising the light emitting device according to claim 4, wherein the electronic equipment is selected from the group consisting of an organic

light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

7. (Currently Amended) A light emitting device comprising:
a first, second, and third transistor, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode; and
a power supply line,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range,
wherein the drain region of the first transistor and the gate electrode of the third transistor are connected to each other for a certain period in one frame period, and
wherein the amount of drain current of the first transistor is controlled by a video signal while the drain region of the first transistor and the gate electrode of the third transistor are connected to each other in order to control the luminance of the organic light emitting diode.

8. (Original) A light emitting device according to claim 7, wherein the first, second, and third transistors have the same polarity.

9. (Original) An electronic equipment comprising the light emitting device according to claim 7, wherein the electronic equipment is selected from the group consisting of an organic

light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

10. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode, and
wherein the first, second, and third transistors operate in a saturation range.

11. (Original) A light emitting device according to claim 10, wherein the forth transistor and the fifth transistor have the same polarity.

12. (Original) A light emitting device according to claim 10, wherein the first, second, and third transistors have the same polarity.

13. (Original) An electronic equipment comprising the light emitting device according to claim 10, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

14. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor;
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and
wherein the amount of drain current of the first transistor is controlled in order to control
the luminance of the organic light emitting diode.

15. (Original) A light emitting device according to claim 14, wherein the forth transistor
and the fifth transistor have the same polarity.

16. (Original) A light emitting device according to claim 14, wherein the first, second,
and third transistors have the same polarity.

17. (Original) An electronic equipment comprising the light emitting device according to
claim 14, wherein the electronic equipment is selected from the group consisting of an organic
light emitting diode display device, a digital still camera, a mobile computer, a portable image
reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

18. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain
region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the
scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the
signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal
line and the other is connected to a gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range; and

wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

19. (Original) A light emitting device according to claim 18, wherein the forth transistor and the fifth transistor have the same polarity.

20. (Original) A light emitting device according to claim 18, wherein the first, second, and third transistors have the same polarity.

21. (Original) An electronic equipment comprising the light emitting device according to claim 18, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

22. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and

a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line;
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode, and
wherein the first, second, and third transistors operate in a saturation range.

23. (Original) A light emitting device according to claim 22, wherein the forth transistor and the fifth transistor have the same polarity.

24. (Original) A light emitting device according to claim 22, wherein the first, second, and third transistors have the same polarity.

25. (Original) An electronic equipment comprising the light emitting device according to claim 22, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

26. (Currently Amended) A light emitting device comprising:

a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line; and

a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

27. (Original) A light emitting device according to claim 26, wherein the fourth transistor and the fifth transistor have the same polarity.

28. (Original) A light emitting device according to claim 26, wherein the first, second, and third transistors have the same polarity.

29. (Original) An electronic equipment comprising the light emitting device according to claim 26, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

30. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor;
wherein a source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

31. (Original) A light emitting device according to claim 30, wherein the forth transistor and the fifth transistor have the same polarity.

32. (Original) A light emitting device according to claim 30, wherein the first, second, and third transistors have the same polarity.

33. (Original) An electronic equipment comprising the light emitting device according to claim 30, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

34. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line;
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor;

wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode; and

wherein the first, second, and third transistors operate in a saturation range.

35. (Original) A light emitting device according to claim 34, wherein the forth transistor and the fifth transistor have the same polarity.

36. (Original) A light emitting device according to claim 34, wherein the first, second, and third transistors have the same polarity.

37. (Original) An electronic equipment comprising the light emitting device according to claim 34, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

38. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other of which is connected to the drain region of the first transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to a gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor;

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

39. (Original) A light emitting device according to claim 38, wherein the forth transistor and the fifth transistor have the same polarity.

40. (Original) A light emitting device according to claim 38, wherein the first, second, and third transistors have the same polarity.

41. (Original) An electronic equipment comprising the light emitting device according to claim 38, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

42. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range, and
wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

43. (Original) A light emitting device according to claim 42, wherein the forth transistor and the fifth transistor have the same polarity.

44. (Original) A light emitting device according to claim 42, wherein the first, second, and third transistors have the same polarity.

45. (Original) An electronic equipment comprising the light emitting device according to claim 42, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

46. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to a drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof of the second transistor;

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,

wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and

wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

47. (Original) A light emitting device according to claim 46, wherein the forth transistor and the fifth transistor have the same polarity.

48. (Original) A light emitting device according to claim 46, wherein the first, second, and third transistors have the same polarity.

49. (Original) An electronic equipment comprising the light emitting device according to claim 46, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

50. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
power supply line;
a signal line; and

a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range,
wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and
wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

51. (Original) A light emitting device according to claim 50, wherein the forth transistor and the fifth transistor have the same polarity.

52. (Original) A light emitting device according to claim 50, wherein the first, second, and third transistors have the same polarity.

53. (Original) An electronic equipment comprising the light emitting device according to claim 50, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

54. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range,

wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and

wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

55. (Original) A light emitting device according to claim 54, wherein the forth transistor and the fifth transistor have the same polarity.

56. (Original) A light emitting device according to claim 54, wherein the first, second, and third transistors have the same polarity.

57. (Original) An electronic equipment comprising the light emitting device according to claim 54, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

58. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth, and sixth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line;
a first scanning line; and
a second scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the gate electrode of the sixth transistor is connected to the second scanning line,

wherein one of the source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor, and

wherein the first, second, and third transistors operate in a saturation range.

59. (Original) A light emitting device according to claim 58, wherein the forth transistor and the fifth transistor have the same polarity.

60. (Original) A light emitting device according to claim 58, wherein the first, second, and third transistors have the same polarity.

61. (Original) An electronic equipment comprising the light emitting device according to claim 58, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

62. (Currently Amended) A light emitting device comprising:

a first, second, third, fourth, fifth, sixth transistor, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line;

a first scanning line; and

a second scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the gate electrode of the sixth transistor is connected to the second scanning line,

wherein one of source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

63. (Original) A light emitting device according to claim 62, wherein the forth transistor and the fifth transistor have the same polarity.

64. (Original) A light emitting device according to claim 62, wherein the first, second, and third transistors have the same polarity.

65. (Original) An electronic equipment comprising the light emitting device according to claim 62, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

66. (Currently Amended) A light emitting device comprising:
a first, second, third, fourth, fifth, and sixth transistors each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line;
a first scanning line; and
a second scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region ~~thereof~~ of the second transistor,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode;

wherein the gate electrode of the sixth transistor is connected to the second scanning line,

wherein one of the source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

67. (Original) A light emitting device according to claim 66, wherein the forth transistor and the fifth transistor have the same polarity.

68. (Original) A light emitting device according to claim 66, wherein the first, second, and third transistors have the same polarity.

69. (Original) An electronic equipment comprising the light emitting device according to claim 66, wherein the electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

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Page : 26 of 36

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Amendments to the Drawings:

The attached replacement sheets of drawings includes changes to Figs. 2, 4A, 4B, 7, 8, 9B-16, 27 and 30A-30C and replaces the original sheet(s) including those figures. The attached annotated sheets illustrate the changes to Figs 2, 4A, 4B, 7, 8 and 30A-30C. The changes to the drawings and the support for those changes are discussed in the remarks.

Attachments following last page of this Amendment:

Replacement Sheets (14 sheets)
Annotated Sheets (6 sheets)